	Application No.	Applicant(s)	7
		Applicant(s)	
Notice of Allowability	10/067,309	ITO, HIROSHI	Т
	Examiner	Art Unit	
	Edna Wong	1753	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8: NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	S (OR REMAINS) CLOSED in the 5) or other appropriate communic RIGHTS. This application is sub-	nis application. If not include cation will be mailed in due	led course. <b>THIS</b>
1. This communication is responsive to <u>Amendment After F</u>	inal June 8, 2004.		
2. ☑ The allowed claim(s) is/are <u>1-10</u> .			
3. $\boxtimes$ The drawings filed on <u>07 February 2002</u> are accepted by	the Examiner.		
<ul> <li>4.  Acknowledgment is made of a claim for foreign priority</li> <li>a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents ha</li> <li>2.  Certified copies of the priority documents ha</li> <li>3.  Copies of the certified copies of the priority of International Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> </ul>	ve been received. ve been received in Application	No	ation from the
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	IMENT of this application.		
5. A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which g	mitted. Note the attached EXAM ives reason(s) why the oath or d	IINER'S AMENDMENT or l eclaration is deficient.	NOTICE OF .
6. $\square$ CORRECTED DRAWINGS ( as "replacement sheets") m	ust be submitted.		
(a) ☐ including changes required by the Notice of Draftspe		PTO-948) attached	
1)  hereto or 2)  to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	ers Amendment / Comment or in	i the Oπice action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			e back) of
7. DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMEN			Note the
Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)	8) 6. ⊠ Interview Sum		<sup>-</sup> O-152)
3. Information Disclosure Statements (PTO-1449 or PTO/SE Paper No./Mail Date		ail Date <u>June 24, 2004</u> . mendment/Comment	
4. ☐ Examiner's Comment Regarding Requirement for Deposit	t 8. 🛭 Examiner's St	atement of Reasons for All	owance
of Biological Material	9.	COMO WOM EDNA WO PRIMARY EX	MG MG

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eckhard H. Kuesters on June 24, 2004.

The application has been amended as follows:

## IN THE CLAIMS

Claims 11-20 have been cancelled.

## REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Claims 1-9 are allowable over the prior art of record because the prior art does not teach or suggest a laser processing method for irradiating a mask with a plurality of openings formed therein with a pulsed laser, and irradiating a plurality of portions of a work to be processed with said pulse laser transmitted through said plurality of openings at the same time, said method comprising the steps of moving and setting as presently claimed, esp., wherein respective laser irradiated regions disposed adjacent to one another on said work are formed by irradiation with said pulse laser transmitted through said openings formed in positions different from one another on said mask, and

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boundaries of said laser irradiated regions disposed adjacent to each other contact at least each other.

Claim 10 is allowable over the prior art of record because the prior art does not teach or suggest a laser processing method for irradiating a mask with a plurality of linear openings formed therein with a pulse laser, and irradiating a plurality of portions of a silicon film with said pulse laser transmitted through said plurality of openings at the same time, said method comprising the steps of allowing, moving, setting and polycrystallizing as presently claimed, esp., the step of setting the laser irradiated regions such that boundaries of said laser irradiated regions disposed adjacent to each other contact each other.

The prior art does not contain any language that teaches or suggests the above.

Im et al. do not teach moving said mask and said work with respect to each other.

Shoemaker et al. teach moving said mask and said work with respect to each other and emitting said pulse laser a plurality of times (page 4, ¶ [0044] and [0048]; and Figs. 2 and 3). Shoemaker et al. does not teach wherein boundaries of said laser irradiated regions disposed adjacent to each other contact at least each other.

Lau et al. teach moving said mask and said work with respect to each other and emitting said pulse laser a plurality of times (page 3,  $\P$  [0039] and [0044]; and Figs. 3-5). Lau et al. do not teach wherein boundaries of said laser irradiated regions disposed adjacent to each other contact at least each other.

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Hamada et al. teach moving said mask and said work with respect to each other and emitting said pulse laser a plurality of times (page 1, ¶ [0006]; and Fig. 1). Hamada et al. do not teach wherein boundaries of said laser irradiated regions disposed adjacent to each other contact at least each other.

Shoemaker et al., and Hamada et al. teach laser-drilling holes. Openings are formed in positions different from one another on a mask, however, the boundaries of the laser irradiated regions (= holes) disposed adjacent to each other are not taught to contact at least each other.

Lau et al. teach laser printing. Openings are formed in positions different from one another on a mask (letters "A", "B", "C", etc. in the laminated mask 1) [Fig. 1], however, the boundaries of said laser irradiated regions disposed adjacent to each other are not taught to contact at least each other.

Therefore, a person skilled in the art would not have been motivated to adopt the above conditions, and a prima facie case of obviousness cannot be established.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edna Wong whose telephone number is (571) 272-

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1349. The examiner can normally be reached on Mon-Fri 7:30 am to 5:00 pm, alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Primary Examiner

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EW June 24, 2004